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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. §1.53(b))

Attorney Docket No. 44541/2:2

First Inventor or Application Identifier Stolowitz, Michael C.

Title ON-THE-FLY REDUNDANCY OPERATION IN THE SYNCHRONOUS DISK ARRAY CONTROLLER

Express Mail Label No. EL414493540US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages 35]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 14]

4. Oath or Declaration [Total Pages 3]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]

i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

5. ☐ Incorporation by Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered to be part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies.

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))

9. ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee) ☒ Power of Attorney

10. ☐ English Translation Document (if applicable)

11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)

14. ☒ \* Small Entity Statement(s) ☐ Statement filed in prior application,  
Status proper and desired (PTO/SB/09-12)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Other:

\* NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES,  
A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILED

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 08 / 642,453  
Prior application information: Examiner Ton, D. Group/Art Unit: 2784

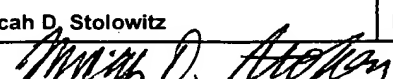
## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

3528

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Micah D. Stolowitz		
	Stoel Rives LLP		
Address	900 SW Fifth Ave., Suite 2600		
City	Portland	State	OR
Country	USA	Zip Code	97204-1268
	Telephone	503 224-3380	Fax
		503 220-2480	
Name (Print/Type)	Micah D. Stolowitz	Registration No. (Attorney/Agent)	32,758
Signature		Date	10/1/99

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

Complete if Known

Application Number	
Filing Date	Concurrently Herewith
First Named Inventor	Stolowitz, Michael C.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	44541/2:2

TOTAL AMOUNT OF PAYMENT (\$)  
537.00

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

19-4455

Deposit  
Account  
Name

Stoel Rives LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

## 2. Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	760	201	380	Utility filing fee	380
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					380

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
19	20** = 0	9	0
Independent Claims	6	3** = 3	117
Multiple Dependent			

\*\* or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$) 117

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	

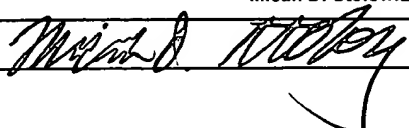
Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
40

## SUBMITTED BY

Typed or Printed Name	Micah D. Stolowitz	Reg. Number	32,758
Signature		Date	10/1/99
		Deposit Account User ID	19-4455

Application No.:

Filed: Concurrently Herewith

Inventor: Stolowitz, Michael

Title: ON-THE-FLY REDUNDANCY OPERATION IN  
THE SYNCHRONOUS DISK ARRAY CONTROLLER

Art Unit:

Examiner:

Attorney Docket No.: 44541/2:2

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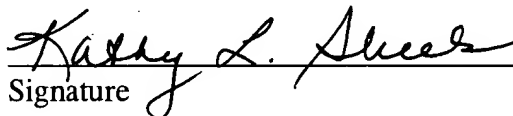
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Date of Deposit October 1, 1999

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PATENTS, WASHINGTON, D.C. 20231

  
Signature

Kathy L. Skeels

Typed or printed name of person signing  
certificate

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Attachment:

- [X] Patent Application, including 35 pages of specification and claims, Combined Declaration and Power of Attorney, 14 sheets of drawings, Information Disclosure Statement; Form PTO-1449; Statement Claiming Small Entity Status--Independent Inventor; Statement Claiming Small Entity Status--Small Business Concern; Assignment Cover Letter; Assignment; Fee Transmittal (in duplicate); Utility Patent Application Transmittal; check for \$537.00; and a return receipt postcard.